



BEST AVAILABLE COPY

1645
JFw

PATENT

ATTORNEY DOCKET NUMBER: 50111/043002

Certificate of Mailing: Date of Deposit: August 24, 2004

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Susan M. Cannon
Printed name of person mailing correspondence

Susan M. Cannon
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jeffrey R. Stinson et al.	Art Unit:	1645
Serial No.:	09/215,163	Examiner:	J. Graser
Filed:	December 18, 1998	Customer No.:	21559
Title:	HUMANIZED MONOCLONAL ANTIBODIES THAT PROTECT AGAINST SHIGA TOXIN INDUCED DISEASE		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 C.F.R. § 3.73(b), Sunol Molecular Corporation, a corporation, certifies that it is the co-assignee (with The Henry M. Jackson Foundation for the Advancement of Military Medicine) of 100% of the right, title, and interest in the patent application identified above by virtue of:

A copy of an assignment from certain of the inventors of the application to Sunol Molecular Corporation, as recorded in the Patent and Trademark Office at Reel 012247, Frame 0811 on October 9, 2001 is enclosed. A copy of the Notice of Recordation for this assignment is also enclosed.

The undersigned has reviewed all the documents in the chain of title of the application and, to the best of undersigned's knowledge and belief, title is in the co-assignees identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of Sunol Molecular Corporation.

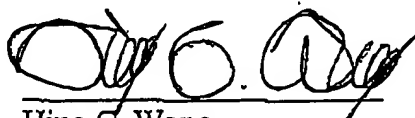
The undersigned, acting on behalf of Sunol Molecular Corporation, hereby revokes all powers of attorney previously granted in the application and appoints the attorneys and/or agents of Clark & Elbing LLP, associated with customer number 21559, with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith. The undersigned also hereby appoints the following agent from Caprion Pharmaceuticals, Inc. to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: Christopher W. Jenkins, Ph.D., Reg. No. 51,845.

All correspondence regarding the application should be sent to the address associated with customer number 21559.

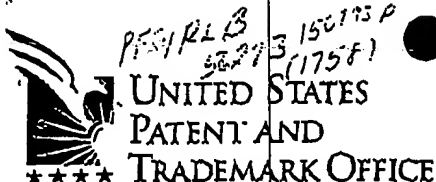
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: August 19, 2004



Hing C. Wong
Chairman and Chief Scientific Officer
Sunol Molecular Corporation
2810 North Commerce Parkway
Miramar, FL 33025



DECEMBER 19, 2001

PTAS

ROBERT L. BUCHANAN
DIKE, BRONSTEIN, ROBERTS & CUSHMAN
INTELLECTUAL PROPERTY PRACTICE GROUP OF
EDWARDS & ANGELL, LLP P.O. BOX 9169
BOSTON, MA 02209

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

DEC 26 2001

EDWARDS & ANGELL LLP
ONE BRONSTEIN
ROBERTS & CUSHMAN



101877785A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/2001

REEL/FRAME: 012247/0811
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

STINSON, JEFFREY R.

DOC DATE: 07/24/2001

ASSIGNOR:

WONG, HING

DOC DATE: 08/01/2001

ASSIGNEE:

SUNOL MOLECULAR CORPORATION
2810 N. COMMERCE PARKWAY
MIRAMAR, FLORIDA 33025

SERIAL NUMBER: 09215163

FILING DATE: 12/18/1998

PATENT NUMBER:

ISSUE DATE:

SERIAL NUMBER: 60068635

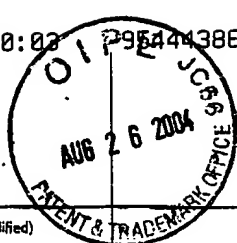
FILING DATE: 12/23/1997

PATENT NUMBER:

ISSUE DATE:

012247/0811 PAGE 2

DOROTHY BASMA, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



10-18-2001

cket No.: 71758/56273

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0631-0027 (exp. 5/31/2002)
POB/REV03



HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101877785

Tab settings → → → ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jeffrey R. Stinson;
Hing Wong

12-9-01

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Sunol Molecular Corporation

Internal Address: _____

Street Address: 2810 N. Commerce ParkwayCity: Miramar State: FL ZIP: 33025

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: July 24, 2001; & August 1, 2001Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/215,163; &
60/068,635

10/17/2001 TDIAT1 00000098 09215163

1 FC:581

80.00 Q

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert L. BuchananInternal Address: Dike, Bronstein, Roberts & CushmanIntellectual Property Practice Group ofEDWARDS & ANGELL, LLPStreet Address: P. O. Box 9169City: BostonState: MA ZIP: 02209

6. Total number of applications and patents involved:

2

7. Total fee (37 CFR 3.41):.....\$ 80.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1105

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert L. Buchanan (Reg. No. 40,927)

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

SOLE/JOINT INVENTION

(Worldwide Rights)

Attorney Docket No. 4995.0032-00

ASSIGNMENT

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

HUMANIZED MONOCLONAL ANTIBODIES THAT PROTECT
AGAINST SHIGA TOXIN INDUCED DISEASE

for which We filed an application for United States Letters Patent on December 18, 1998 (Serial No. 09/215,163) and a provisional application on December 23, 1997 (Serial No. 60/068,635); and

WHEREAS, ^{Molecular} Sunol Corporation, a corporation of Florida whose post office address is 2810 N. Commerce Parkway, Miramar, Florida 33025 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. 60/068,635, filed December 23, 1997, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Montgomery)
State of Maryland)

ss.

Jeffrey R. Stinson 19253 Treadway Rd. Brookeville, MD 20833

15930 Durham Lane, Davie, Florida 33331

By:

Date:

Jeffrey R. Stinson7/24/01

Subscribed and sworn to before me this 24th day of July, 2001

Susan Graham, Notary Public

My Commission Expires 10/1/01

County of Broward)State of Florida)

ss.

Hing Wong

2966 Westworth, Westley Florida 33332

By: [Signature]Date: August 1, 2001

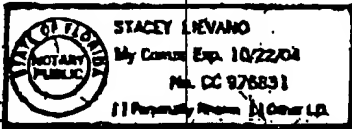
SOLE/JOINT INVENTION

(Worldwide Rights)

Attorney Docket No. 4995.0032-00

Subscribed and sworn to before me this 1st day of August, 2001

, Notary Public

Stacey Levano



PATENT
ATTORNEY DOCKET NUMBER: 50111/043002

Certificate of Mailing: Date of Deposit: August 24, 2004

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Susan M. Cannon
Printed name of person mailing correspondence

Susan M. Cannon
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jeffrey R. Stinson et al.	Art Unit:	1645
Serial No.:	09/215,163	Examiner:	J. Graser
Filed:	December 18, 1998	Customer No.:	21559
Title:	HUMANIZED MONOCLONAL ANTIBODIES THAT PROTECT AGAINST SHIGA TOXIN INDUCED DISEASE		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 C.F.R. § 3.73(b), the Henry M. Jackson Foundation for the Advancement of Military Medicine, a tax-exempt corporation, certifies that it is the co-assignee (with Sunol Molecular Corporation) of 100% of the right, title, and interest in the patent application identified above by virtue of:

A chain of title from certain of the inventors of the application, to the current assignee is shown below. Copies of the assignments or other documents in the chain of title are enclosed.

1. From Alison D. O'Brien, Clare K. Schmitt, and Angela Melton-Celsa to

Uniformed Services University of the Health Sciences as recorded in the Patent and Trademark Office at Reel 010333, Frame 0049 on October 26, 1999.

2. From Uniformed Services University of the Health Sciences to the Henry M. Jackson Foundation for the Advancement of Military Medicine, as recorded in the Patent and Trademark Office at Reel 010818, Frame 0483 on May 15, 2000.

The undersigned has reviewed all the documents in the chain of title of the application and, to the best of undersigned's knowledge and belief, title is in the assignees identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the Henry M. Jackson Foundation for the Advancement of Military Medicine.

The undersigned, acting on behalf of the Henry M. Jackson Foundation for the Advancement of Military Medicine, hereby revokes all powers of attorney previously granted in the application and appoints the attorneys and/or agents of Clark & Elbing LLP, associated with customer number 21559, with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith. The undersigned also hereby appoints the following agent from Caprion Pharmaceuticals, Inc. to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: Christopher W. Jenkins, Ph.D., Reg. No. 51,845.

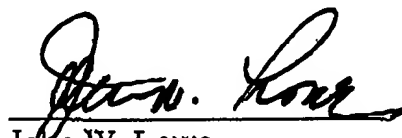
All correspondence regarding the application should be sent to the address

associated with customer number 21559.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: AUGUST 23, 2004



John W. Lowe
President
Henry M. Jackson Foundation
for the Advancement of Military Medicine
Suite 600, 1401 Rockville Pike
Rockville, MD 20852



49 0032 THJ/JBF/LKB

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 24, 2000

PTAS

FINNEGAN, HENDERSON, FARABOW ET AL.
JEAN B. FORDIS
1300 I STREET, N.W.
WASHINGTON, D.C. 20005-3315



101182212A

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/26/1999

REEL/FRAME: 010333/0049
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

O'BRIEN, ALISON D.

DOC DATE: 10/18/1999

ASSIGNOR:

SCHMITT, CLARE K.

DOC DATE: 10/18/1999

ASSIGNOR:

MELTON-CELSA, ANGELA

DOC DATE: 10/18/1999

ASSIGNEE:

UNIFORMED SERVICES UNIVERSITY OF
THE HEALTH SCIENCE
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 208

RECEIVED

SERIAL NUMBER: 09215163

PATENT NUMBER:

FILING DATE: 12/18/1998

2000 ISSUE DATE:

SERIAL NUMBER: 60068635

PATENT NUMBER:

FILING DATE: 12/23/1997

ISSUE DATE:

FINNEGAN, HENDERSON, FARABOW ET AL.
GARRETT AND DUNN, LLP

North of 21st Ave

010333/0049 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



10-28-1999

FORM PTO-1594
1-31-92Recordation
Patent

101182212

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 4995.0032To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

O'BRIEN, Alison D.
SCHMITT, Clare K.
MELTON-CELSA, Angela

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: UNIFORMED SERVICES UNIVERSITY
OF THE HEALTH SCIENCE

Internal Address:

Street Address: 4301 Jones Bridge Road

City: Bethesda

State: Maryland Zip Code: 20814

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Execution Date(s): October 18, 1999

4. Application number(s) or registration number(s):

A. Patent Application Number:

09/215,163

60/068,635

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington

State: D.C. Zip: 20005-3315

6. Total number of applications involved:

2

7. Total fee (37 CFR 3.41): \$80.00

☒ Enclosed (Please charge deficiency to deposit account)
☐ Authorized to be charged to deposit account

8. Deposit account number: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Jean B. Fordis
Jean-B. Fordis, Reg. No. 32,984

October 27, 1999

Date

Total number of pages including cover sheet, attachments and documents: 3

10/27/1999 NTHAI1 00000314 09215163

SO: E/JOINT INVENTION

(Worldwide Rights)

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

HUMANIZED MONOCLONAL ANTIBODIES THAT
PROTECT AGAINST SHIGA TOXIN INDUCED DISEASE

for which We filed a provisional application on December 23, 1997, (Serial No. 60/068,635) and an application for United States Letters Patent on December 18, 1998, (Serial No. 09/215,163); and

WHEREAS, Uniformed Services University of Health Sciences, a United States Government Agency located in Bethesda, Maryland, whose post office address is 4301 Jones Bridge Road, Bethesda, Maryland 20814-4799 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

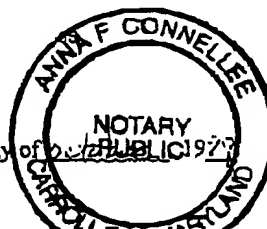
County of Montgomery
State of Maryland

Alison D. O'Brien
5514 Charlotte Road, Bethesda, Maryland 20817

SIGNATURE

DATE

Subscribed and sworn to before me this 18th day of October 1998
Anna F. Connelley Notary Public
My Commission expires 4-1-00



JOINT INVENTION

(Worldwide Rights)

County of Montgomery
State of Maryland

ss.

Clare K. Schmitt
4616 Glasgow Drive, Rockville, Maryland 20853

Clare K. Schmitt SIGNATURE
10/18/99 DATE



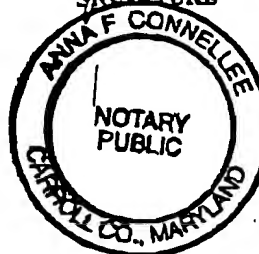
Subscribed and sworn to before me this 18th day of October, 1999
Anna F. Connelley Notary Public
My Commission expires 4-1-00

County of Montgomery
State of Maryland

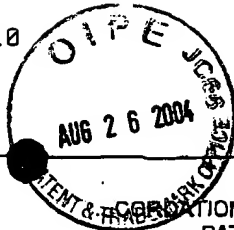
ss.

Melton-Celsa
20516 Branding Court, Sterling, Virginia 20165

Melton-Celsa SIGNATURE
10/18/99 DATE



Subscribed and sworn to before me this 18th day of October, 1999
Anna F. Connelley Notary Public
My Commission expires 4-1-00



FHFP32A

FORM PTO-1594
1-31-92CORRESPONDENCE FORM COVER SHEET
PATENTS ONLYU.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04895.0032To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):
Uniformed Services University of Health Sciences

2. Name and address of receiving party(ies):

Name: The Henry M. Jackson Foundation for the
Advancement of Military MedicineAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address: Suite 600

3. Nature of conveyance:

Street Address: 1401 Rockville Pike

City: Rockville

☒ Assignment ☐ Merger

State: Maryland Zip Code: 20852

☐ Security Agreement ☐ Change of Name☐ Other

Additional name(s) & Address(es) attached?

Execution Date: May 9, 2000

☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

B. Patent Number(s):

60/068,635 and 09/215,163

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and registrations involved: Two

Name: Jean B. Fordis

7. Total fee (37 CFR 3.41): \$80

Internal Address: Finnegan, Henderson, Farabow, Garrett & Dunner,
L.L.P.Enclosed (Please charge deficiency to deposit account)
☐

Authorized to be charged to deposit account

Street Address: 1300 I Street, N.W.

City: Washington

8. Deposit account number: 06-0916

State: DC Zip: 20005-3315

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jean B. Fordis

Jean B FordisMay 15, 2000

Reg. No. 32,984

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

WHEREAS, the UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES, a United States Government Agency (hereinafter referred to as Assignor), by virtue of an assignment from inventors executed on October 18, 1999, has right, title, and interest in an invention entitled:

Humanized Monoclonal Antibodies That Protect Against Shiga Toxin Induced Disease

for which a provisional application was filed on December 23, 1997 (Serial No. 60/068,635) and an application for United States Letters Patent on December 18, 1998 (Serial No. 09/215,163); and

WHEREAS, the HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, a corporation of Rockville, Maryland, whose post office address is 1401 Rockville Pike, Suite 600, Rockville, Maryland 20852 (hereinafter referred to as Assignee), is desirous of securing the right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application; and

WHEREAS, Congress envisioned that the Assignor should be, among other things, at the forefront of medical teaching, research and care, and, in 1983, in order to facilitate the carrying out of these purposes, established the Assignee; and

WHEREAS, accordingly, the Assignor and the Assignee have entered into an agreement on Patents and Technology whereby the Assignee is the Assignor's primary patent management organization, and this Assignment is in furtherance of this agreement.

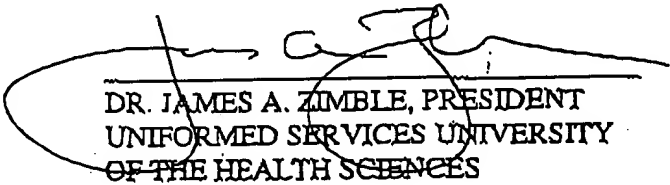
NOW THEREFORE, be it known that for and in consideration the receipt of which from Assignee is hereby acknowledged, the Assignor does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, its entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment.

THE ASSIGNOR DOES HEREBY covenant that it has the full right to convey the interest assigned by this Assignment, and has not executed and will not execute any agreement in conflict with this Assignment; and

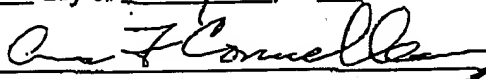
THE ASSIGNOR DOES HEREBY further covenant and agree that it will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to it respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

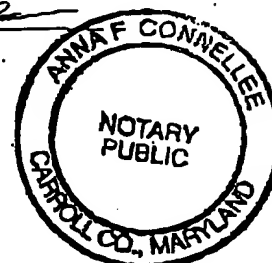
STATE OF MARYLAND, COUNTY OF MONTGOMERY, SS.


DR. JAMES A. ZIMBLE, PRESIDENT
UNIFORMED SERVICES UNIVERSITY
OF THE HEALTH SCIENCES

Subscribed and sworn to before me this
9th day of May, 2012.


Notary Public

My Commission expires 4-1-04



P32A

FORM PTO-1504
1-31-92

06-02-2000

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04985.0032the Honorable Commissioner of Patents
Please record the attached original document

ATTN. BOX ASSIGNMENTS

Name of conveying party(ies):
Uniformed Services University of Health Sciences

101371954

Name and address of receiving party(ies):

Name: The Henry M. Jackson Foundation for the
Advancement of Military MedicineAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address: Suite 800

Nature of conveyance:

Street Address: 1401 Rockville Pike

Assignment ☐Merger ☐

City: Rockville

Security
Agreement ☐Change of Name ☐

State: Maryland Zip Code: 20852

Other ☐

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

Execution Date: May 8, 2000

Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

Patent Application Number(s):

B. Patent Number(s):

60/068,635 and 09/215,163

Additional numbers attached? ☐ Yes ☒ NoName and address of party to whom correspondence concerning
document should be mailed:6. Total number of applications and registrations
involved: Two

Name: Jean B. Fordis

7. Total fee (37 CFR 3.41): \$80

Internal Address: Finnegan, Henderson, Farabow, Garrett & Dunner,
L.L.P.

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account ☐

Street Address: 1300 I Street, N.W.

City: Washington

8. Deposit account number: 06-0916

State: DC Zip: 20005-3315

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jean B. Fordis

Reg. No. 32,984

Jean B. Fordis

Signature

May 15, 2000

Date

Total number of pages including cover sheet, attachments and documents: 3

1/2000 DMSUYEN 00000069 60068635

C1581

80.00 DP

PATENT
REEL: 010818 FRAME: 0483

ASSIGNMENT

WHEREAS, the UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES, a United States Government Agency (hereinafter referred to as Assignor), by virtue of an assignment from inventors executed on October 18, 1999, has right, title, and interest in an invention entitled:

Humanized Monoclonal Antibodies That Protect Against Shiga Toxin Induced Disease

for which a provisional application was filed on December 23, 1997 (Serial No. 60/068,635) and an application for United States Letters Patent on December 18, 1998 (Serial No. 09/215,163); and

WHEREAS, the HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, a corporation of Rockville, Maryland, whose post office address is 1401 Rockville Pike, Suite 600, Rockville, Maryland 20852 (hereinafter referred to as Assignee), is desirous of securing the right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application; and

WHEREAS, Congress envisioned that the Assignor should be, among other things, at the forefront of medical teaching, research and care, and, in 1983, in order to facilitate the carrying out of these purposes, established the Assignee; and

WHEREAS, accordingly, the Assignor and the Assignee have entered into an agreement on Patents and Technology whereby the Assignee is the Assignor's primary patent management organization, and this Assignment is in furtherance of this agreement.

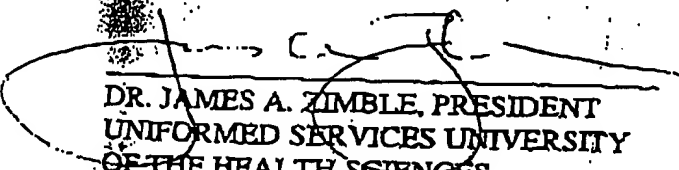
NOW THEREFORE, be it known that for and in consideration the receipt of which from Assignee is hereby acknowledged, the Assignor does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, its entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment.

THE ASSIGNOR DOES HEREBY covenant that it has the full right to convey the interest assigned by this Assignment, and has not executed and will not execute any agreement in conflict with this Assignment; and

THE ASSIGNOR DOES HEREBY further covenant and agree that it will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to it respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

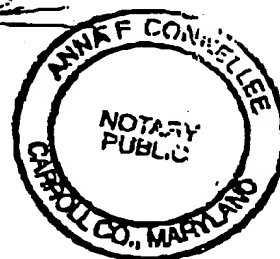
STATE OF MARYLAND, COUNTY OF MONTGOMERY, SS.


DR. JAMES A. ZIMBLE, PRESIDENT
UNIFORMED SERVICES UNIVERSITY
OF THE HEALTH SCIENCES

Subscribed and sworn to before me this
9th day of May, 2004.


Notary Public

My Commission expires 4-1-04



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